



Attorney Docket No. 82001-0194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Anthony Robert THOMAS et al.)
) Group Art Unit: Unassigned
)
Serial No. 09/942,774) Examiner: Unassigned
)
Filed: August 31, 2001)
)
For: **ELECTRONIC MARKET AND**)
RELATED METHODS SUITABLE FOR)
TRANSPORTATION AND SHIPPING)
SERVICES)
)

POWER OF ATTORNEY BY ASSIGNEE & CERTIFICATE UNDER 37 C.F.R. § 3.73(B)

Assistant Commissioner for Patents
Washington, D.C. 20231

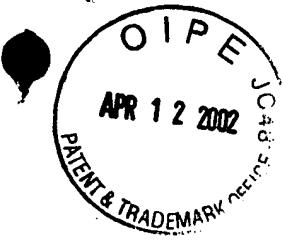
Sir:

The undersigned Assignee of the entire interest in the above-identified subject application hereby appoints the registered practitioners of Hogan & Hartson, L.L.P. included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to Celine Jimenez Crowson at that Customer Number.

Customer Number: 24633

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Celine Jimenez Crowson
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Attorney Docket No.: 82001-0194

Page 1

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Manugistics, Inc., a corporation of Delaware, certifies that it is:

1. the assignee of the entire right, title, and interest
2. an assignee of an undivided part interest

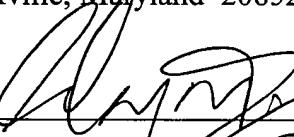
in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above, the assignment being filed concurrently herewith for recordation with the Patent and Trademark Office.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

NAME AND ADDRESS OF ASSIGNEE

Manugistics, Inc.
2115 East Jefferson Street
Rockville, Maryland 20852

Dated: 4/9/02

By: 

Name: Raghavan Rajaji

Title: Exec VP and CFO